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Modifications of Beryllium and Iron In
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Full translation.

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AEC Tr 1398

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Scientific - Physics, Tin, magnetic field

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DESCRIPTORS: Morphology (Biology), *Spinal column,
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- II. Khromov, O. P.
- III. FASEB-S-347-3
- IV. Federation of American
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mental Biology,
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- V. Scripta Technica, Inc.,
Washington, D. C.

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NEUTRON IRRADIATION OF COLORED AND DE-
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Klenova. 1 Nov 50, 2p, 1 ref. TVA 2965.
Order from OTS or SLA \$1.10 62-32248

Trans. of [Academie des Sciences, Paris], Compt[es]
Rend[us] (France) 1950, v. 230, p. 1864-1865 (pub. by
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DESCRIPTORS: *Radiochemistry, Radioactive isotopes,
*Phosphorus, *Valence, Neutrons, *Crystals, Sodium
compounds, Chlorides.

The proportion of the P++++ and P(++++ valences varies
depending upon whether NaCl is irradiated by neutrons
and treated before or after decolorization. Thus on the
(Chemistry--Physical, TT, v. 9, no. 1) (over)

- I. Sle, P.
- II. Caillat, R.
- III. TVA-2965
- IV. Tennessee Valley Authority,
Wilson Dam, Ala.
- V. 60-23253 canceled

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7 pp.

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MTC 69-15605-111

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text included)
Order from SLA \$1.10

TT-64-10550

Trans. of Imono (Japan) 1958, v. 30, no. 4, p. 247-249.
(Abstract available)

DESCRIPTORS: *Iron alloys, *Castings, *Additives,
Graphite, Microstructure, Carbon, Silicon, Melting,
Temperature,

The highest melting temperature has the greatest influence upon the effect of inoculation and the best inoculation effect is obtained when the highest melting temperature employed is 1600°C. When the highest melting temperature remains the same, the higher the inoculation and casting temperatures, the greater the (Metallurgy--Ferrous Metals, TT, v. 11, no. 5) (over)

TT-64-10550

1. Title: Inoculation
1. Suenaga, M.

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Sueoka, Yoichi.
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Order from OTS or SLA \$1.10 63-16317

Trans. of Japanese patent publication 16,848/1962, pub. 18 Oct 62, appl. 28 Sep 60 as 59497/1960, by Toyo Bosuifu Seizo Co., Ltd.

DESCRIPTORS: *Polyvinyl chloride, Surfaces, *Coatings, Porous materials, *Nylon coatings, Adhesives, Synthetic rubber, Phenolic plastics.

The patent involves a method of surface treatment of vinyl chloride resin with porous nylon by painting the fundamental material of vinyl chloride with the first paste layer consisting of the solution of hardening acryl synthetic rubber, then painting, and forming the second paste layer consisting of the nylon solution con- (Materials--Plastics, TT, v. 10, no. 7) (over)

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I. Sueoka, Y.
II. Patent (Japan) pub.
37-16 848

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The Training of Youth Metallurgists in the Soviet Union, by Georg Sueptitz, 9 pp.

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Sueptitz, P.

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[1962] 15p. (figs. omitted) 10 refs.

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Trans. of Zeitschrift für Physik (West Germany)
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DESCRIPTORS: *Silver compounds, Chlorides,
*Single crystals, Electrons, Drift, Photoelectric
effect.

Silver chloride crystals with a different history were
tested with an impulse technique, utilizing the print-
out effect, to determine the drift mobility and the
mean life span of photoelectrons. The life span of the
electrons proved to be depending to a great extent on
the history of the crystals. In the most carefully pre-
pared crystals it was less than 10^{-7} sec.; in crystals
(Physics--Solid State, TT, v. 8, no. 10) (over)

62-16476

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On the Recording Equipment Taking a Count of
Salmon-Number by the Utilization of Photoelectric
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Hokkaido Fish Hatchery, Vol X, No 1, 2, 1955,
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Sci - Electricity
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Measurement of the Transport Velocity of a Gas by
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Shchegolev, R. A. D'yachenko, 3 pp.

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Their Determination. Optical Method for Measur-
ing Reciprocal Diffusion Coefficients of Gases,
by P. E. Sustik, 7 pp.

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Sci - Phys
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Ignitron JS 200/2, by T. A. ^eSukhtin, 6 pp.

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ID 2144862

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ABC Tr 2521

801 - Electricity, physics 40, 480
Nov 56 CIB

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Nucleic Acids in the Nuclei of Bone Marrow Cells,
by V. Ya. Brodskiy, I. A. Suetina, 3 pp.

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Ultra-Violet Microscopy and Cytophotometry of
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Gidrom, 1960, pp 96-106.
NLL/M 5214

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US JPRS/NY-L-443

ESur - Bulgaria

Geo - Hydrology and meteorology

17 Nov 58

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Suez, Bernard P. and Wuhrmann, Jean J.
 SPECTROSCOPIC STUDY OF COMPLEXES FORMED
 BY LEWIS ACIDS. IV. INFRARED ABSORPTION
 SPECTRUM OF ADDITION COMPOUNDS OF ALUMI-
 NUM CHLORIDE WITH ACETYL AND MESITOYL
 CHLORIDES (Etude Spectroscopique des Complexes
 Formes par les Acides de Lewis. IV. Spectre
 d'absorption Infra-rouge des Composés d'addition du
 Chlorure d'Aluminium avec les Chlorures d'Acétyle
 et de Mésitoyle). [1960] [15]p. 39 refs.
 Order from SLA ml\$2.40, ph\$3.30 61-10482

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
 1957, v. 40 [no. 4] p. 971-980.

The authors describe the preparation of addition com-
 pounds of acetyl and mesitoyl chlorides with Al_2Cl_6
 obtained in the form of almost colorless solids whose
 infrared spectrum has been determined. The absence
 in these spectra of the frequencies $\nu(C=O)$ (1802 and
 1775 cm^{-1} , and $\nu(C-Cl)$ (593 and 613 cm^{-1}) as well as
 (Physics--Spectroscopy, TT, v. 5, no. 6) (over)

1. Complex compounds--
Spectrographic analysis
2. Chlorides--Spectra
3. Title: Lewis acids
- I. Suez, B. P.
- II. Wuhrmann, J. J.
- III. Title: Infrared...

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340 KV Accelerator Designed for the Study of
Reactions Induced by Tritons, by D. Magnac-
Valette, M. Suffert, M. Liess, P. Cser, 4 pp.

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Vol XIX, No 1, 1958, pp 88-91. 9073944

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Experiences With the Working Methods of the Standing Councils and Secretariat, and the Role of the Secretary and the Deputy Secretary, by S. A. Sufjan, 6 pp.

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JPRS 2782

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Red China, by Alexander Suga, Raymund Hoerhager, 3 pp.

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Pol
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Thermal Analysis, by Hiroshi Suga, Shuzo Seki,
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pp 47R-50R.

AEC-tr-5929

Sci-Phys

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Suga, K. and Watanabe, S.
REACTION OF SOME ALIPHATIC UNSATURATED
HYDROCARBONS WITH FORMALDEHYDE. [1963] 24p
Order from K-H \$24.00 K-H 12557 a

Trans. of Nihon Kagaku Zasshi (Japan) 1962, v. 83,
no. 10, p. 1142-1147.

DESCRIPTORS: *Formaldehyde, *Aliphatic compounds,
Hydrocarbons, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 10)

63-22479

- I. Suga, K.
- II. Watanabe, S.
- III. K-H-12557-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Taro Suga, 4 pp. UNCLASSIFIED

Adjusted
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Defence Sci Info Sv;
DRB Canada, T 23 J

Scientific - Physics, snow, ultraviolet

120903V

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also in DEC-7R-1535

S.L.A. 44 2837

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(NY-6294/4)

Comparative Research on Non-Specific Pharmacodynamics on Neuroplegic Drugs, ~~NY 163324~~ by S. Simionescu-Carapancea, M. Corneanu, Gh. Sugaciu, 16 pp.

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JPRS 9643

Sci - Med
Aug 61

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Sugahara, Mitsuji and Iwasaki, Taizo.
LOW GRADE FUEL FIRING IN THE CYCLONE
FURNACE. [1963] 24p. (figs. omitted) 8 refs.
Order from SLA \$2.60 63-16219

Trans. of Nenryo Kyokai-Shi (Japan) 1959, v. 38,
no. 386, p. 361-373.

DESCRIPTORS: *Fuels, *Coal, *Cyclone furnaces,
*Combustion, Slags, Ash, Effectiveness, Design,
Economics.

The paper is devoted to the comprehensive discussion
of economical methods of firing low grade coal by
means of the cyclone, with special reference to the
raising of the firing temperature, the lowering of the
slag fusion temperature, etc. by a mixture of good
grade coal, an addition of lime stones and heat
recovery of the slag and the effective utilization of the
slag as problems surrounding the use of low grade coal.
(Materials--Fuels, TT, v. 10, no. 4)

I. Sugahara, M.
II. Iwasaki, T.

Office of Technical Services

NCH-202 224

Field 13J

Sugai, K.
ON VIBRATORY FORCES INDUCED ON THE RUDDER
BEHIND A PROPELLER. 14 Sep 65. BSRA-2168.
Order from BSRA: L5 BSRA-2168

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London (England)

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On the Maneuverability of the High Speed Boat,
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JAPANESE, rpt, No 7, 1964.
Navy Tr 9901/DisInfo 460

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Thermal Expansion Coefficient, Rigidity Modulus
and Its Temperature Coefficient of Alloys of
Iron, Nickel, Cobalt and Chromium (II), Rigidity
Modulus and Its Temperature Coefficient and
Relation Between Coelinvar and Elinvar, ~~Excerpt~~ by
Hakuru Masumoto, Hideo Saito, Yutaka Sugai, 5 pp.
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Sci - Min/Metals
Jan 57 CTS

AF 1051408

43,067

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